

AMENDMENTS TO THE CLAIMS

This listing of claims, if entered, will replace all prior versions and listings of claims in the present Application.

1. (Currently Amended) A **computer-implemented** method ~~in a computing system~~ for managing inventory, the method comprising:

synchronizing inventory balance information between a source computerized inventory management system and a target computerized inventory management system, wherein the source computerized inventory management system and the target computerized inventory management system are among a plurality of computerized inventory management systems, the synchronizing is bi-directional, and the synchronizing comprises

extracting inventory balance information in a source format that is associated with **[[a]] the** source computerized inventory management system, **[[;]]**

converting the inventory balance information in the source format into inventory balance information ~~that is~~ in an intermediate format**[[;]]** , and

converting the inventory balance information in the intermediate format into inventory balance information in a target format that corresponds to **[[a]] the** target computerized inventory management system.

2. (Currently Amended) The **computer-implemented** method of Claim 1, further comprising:
using the inventory balance information in the target format to update an existing inventory balance record in the target computerized inventory management system.

3. **(Currently Amended)** The **computer-implemented** method of Claim 1, further comprising:
extracting inventory balance information in a second source format that is associated with a second source computerized inventory management system that is distinct from the first source computerized inventory management system,
wherein
the second source computerized inventory management system is one of the plurality of computerized inventory management systems;
converting the inventory balance information in the second source format into inventory balance information that is in the intermediate format;
converting the inventory balance information in the intermediate format into inventory balance information in the target format; and
using the inventory balance information in the target format to update an existing inventory balance record in the target computerized inventory management system.
4. **(Currently Amended)** The **computer-implemented** method of Claim 1, wherein the ~~second~~ intermediate format comprises a list of inventory balances class with a hierarchy of data elements.
5. **(Currently Amended)** The **computer-implemented** method of Claim 4, wherein the hierarchy of data elements includes a plurality of inventory balance elements comprising:
a list of inventory balances element;
an inventory balance related inventory location element;
a list of related inventory balances for defining a plurality of related inventory balances; and
a custom data element for defining customized attributes for the inventory.

6. **(Currently Amended)** The **computer-implemented** method of Claim 5, wherein each of the plurality of inventory balance elements comprises a related inventory location element for defining related inventory location identifier.
7. **(Currently Amended)** The **computer-implemented** method of Claim 5, wherein each of the plurality of inventory balance elements comprises a list of inventory balance data element for defining a plurality of inventory balance data elements.
8. **(Currently Amended)** The **computer-implemented** method of Claim 5, wherein each of the plurality of inventory balance elements comprises an inventory balance custom data.
9. **(Currently Amended)** The **computer-implemented** method of Claim 7, wherein each of the plurality of inventory balance data elements comprises a related product element for defining a product identifier.
10. **(Currently Amended)** The **computer-implemented** method of Claim 7, wherein each of the plurality of inventory balance data element comprises a list of balance data element for defining a plurality of balance data elements.
11. **(Currently Amended)** The **computer-implemented** method of Claim 10, wherein each of the plurality of balance data elements comprises:
 - a bucket code element;
 - a quantity of product element;
 - a product unit of measure code element; and
 - a balance data custom data element.
12. **(Currently Amended)** A computer-readable storage medium carrying one or more sequences of instructions for managing inventory, wherein execution of the one or more sequences of instructions by one or more processors causes the one or more processors to perform:

synchronizing inventory balance information between a source computerized inventory management system and a target computerized inventory management system, wherein the source computerized inventory management system and the target computerized inventory management system are among a plurality of computerized inventory management systems, the synchronizing is bi-directional, and the synchronizing comprises

extracting inventory balance information in a source format that is associated with **[[a]] the** source computerized inventory management system, **[[;]]**

converting the inventory balance information in the source format into inventory balance information ~~that is~~ in an intermediate format**[[;]]** , and

converting the inventory balance information in the intermediate format into inventory balance information in **[[a]] the** target format that corresponds to a target computerized inventory management system.

13. (Previously Presented) The computer-readable storage medium of Claim 12, further comprising:

using the inventory balance information in the target format to update an existing inventory balance record in the target computerized inventory management system.

14. (Currently Amended) The computer-readable storage medium of Claim 12, further comprising:

extracting inventory balance information in a second source format that is associated with a second source computerized inventory management system that is distinct from the first source computerized inventory management system, **wherein**

**the second source computerized inventory management system is one of
the plurality of computerized inventory management systems;**

converting the inventory balance information in the second source format into
inventory balance information that is in the intermediate format;
converting the inventory balance information in the intermediate format into
inventory balance information in the target format; and
using the inventory balance information in the target format to update an existing
inventory balance record in the target computerized inventory management
system.

15. **(Currently Amended)** The computer-readable storage medium of Claim 12, wherein the ~~second~~ intermediate format comprises a list of inventory balances class with a hierarchy of data elements.
16. **(Previously Presented)** The computer-readable storage medium of Claim 15, wherein the hierarchy of data elements comprises a plurality of inventory balance elements comprising:
 - a list of inventory balances element;
 - an inventory balance related inventory location element;
 - a list of related inventory balances for defining a plurality of related inventory balances; and
 - a custom data element for defining customized attributes for the inventory.
17. **(Previously Presented)** The computer-readable storage medium of Claim 16, wherein each of the plurality of inventory balance elements comprises a related inventory location element for defining related inventory location identifier.
18. **(Previously Presented)** The computer-readable storage medium of Claim 16, wherein each of the plurality of inventory balance elements comprises a list of inventory balance data element for defining a plurality of inventory balance data elements.

19. (Previously Presented) The computer-readable storage medium of Claim 16, wherein each of the plurality of inventory balance elements ~~includes~~ comprises an inventory balance custom data.
20. (Previously Presented) The computer-readable storage medium of Claim 18, wherein each of the plurality of inventory balance data elements comprises a related product element for defining a product identifier.
21. (Previously Presented) The computer-readable storage medium of Claim 18, wherein each of the plurality of inventory balance data elements comprises a list of balance data element for defining a plurality of balance data.
22. (Previously Presented) The computer-readable storage medium of Claim 21, wherein each of the plurality of balance data elements comprises:
 - a bucket code element;
 - a quantity of product element;
 - a product unit of measure code element; and
 - a balance data custom data element.
- 25 - 32. (Canceled).